ATTORNEYS DOCKET NO.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

GB03 0110 US1

US OLIJATON (102 117201), SE 37 CFR 1.5)

INTERNATIONAL APPLICA	TION NO	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
INTERNATIONAL APPLICATIONAL AP		INTERNATIONAL FILING DATE			PRIORITY DATE CLAIME	
PCT/IB2004	/002248		07/12/2003	3	07/12	/2003
TITLE OF INVENTION	INOLII A	OATE!		_		
INSULATED GATE POWER SEMICONDUCTOR DEVICES						
APPLICANT(S) FOR DO/EO	and the second s				_	
HUETING RAYMON	ND HIJZEN E	RWIN A. II	N'T ZANDT,	MICHAEL A. A	۸.	
Applicant(s) herewith submit to the United States Designated/Elected Office (DO/EO/US) the following:						
1. X This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.						
2. A copy of the International Application as filed (35 U.S.C. 371(c)(2))						
☐ is attached hereto (required only if not communicated by the International Burgay)						
🔼 has been tra	ansmitted by the Ir	nternational B	Bureau.			
3. Amendments to	the claims of the	International	Application und	der PCT Article	19 (35 U.S.C. 371(c)((3))
are aπached	d hereto (required en made and will i	only if not co	mmunicated by	the Internationa	il Bureau).	,
4. An oath or decla				·•		
The following documen						
5. 🛚 An Information [
6. 🛛 An assignment o	document for reco	ording. A sep	arate cover she	et is compliance	e with 37 CFR 3.28 a	nd 3.31 is included
7. 🔀 A preliminary an	nendment			-		110 0.0
8. X Power of Attorne		polication bef	fore the USPTC)		
9. X Statement under			0.0 0.0 0	•		
			" and to Charge	D		
0. Authorization Pursuant to 37 CFR § 1.136(a)(3) and to Charge Deposit Account 14-1270						
1 VI Decaint Confirm	-4: Danisand					
					<u>-</u>	
The following fees have	e been submitted:				CALCULATIONS	PTO USE ONLY
The following fees have 2. Basic national fe	e been submitted:					PTO USE ONLY
The following fees have 2. Basic national fe 3. Examination fee	e been submitted: eeee (Int'l prelim. exam.	report NOT pre	epared by USPTC)\$ 200		PTO USE ONLY
The following fees have 2. Basic national fe 3. Examination fee	e been submitted: eeee (Int'l prelim. exam.	report NOT pre	epared by USPTC)\$ 200		PTO USE ONLY
The following fees have 2. Basic national fe 3. Examination fee	e been submitted: eeee (Int'l prelim. exam.	report NOT pre	epared by USPTO ided to the Office.)\$ 200		PTO USE ONLY
11. Receipt Confirm The following fees have 2. Basic national fe 3. Examination fee 4. Search Fee (Int')	e been submitted: eeee (Int'l prelim. exam.	report NOT pre	epared by USPTO ided to the Office.)\$ 200 .)\$ 400		PTO USE ONLY
The following fees have 2. Basic national fe 3. Examination fee 4. Search Fee (Int'l	e been submitted: ee e (Int'I prelim. exam. I Search Report prep	report NOT pre	epared by USPTC ided to the Office. TOTAL OF)\$ 200 .)\$ 400		PTO USE ONLY
The following fees have 2. Basic national fe 3. Examination fee 4. Search Fee (Int'I	e been submitted: ee e (Int'l prelim. exam. I Search Report prep	report NOT pre	epared by USPTC ided to the Office. TOTAL OF	2)\$ 200 .)\$ 400 13, 14 and 15 =		PTO USE ONLY
The following fees have 2. Basic national fe 3. Examination fee 4. Search Fee (Int'I CLAIMS Total claims	e been submitted: ee e (Int'l prelim. exam. l Search Report prep # FILED 13 - 20 =	report NOT prepared and provi	epared by USPTC ided to the Office. TOTAL OF RATE X \$50 X \$200	\$ 200 .)\$ 400 13, 14 and 15 = \$ 0	\$ 900	
The following fees have 2. Basic national fe 3. Examination fee 4. Search Fee (Int'l) CLAIMS Total claims Independent claims Fee for recording the en	e been submitted: ee e (Int'l prelim. exam. l Search Report prep # FILED 13 - 20 = 1 - 3 =	report NOT pre- pared and provi # EXTRA 0 0 nt (37 C.F.R.	repared by USPTC ided to the Office. TOTAL OF RATE X \$50 X \$200 TOTAL FEES F 1.21(h)) accomm	\$ 200 1.) \$ 400 13, 14 and 15 = \$ 0 \$ 0 FOR CLAIMS =		PTO USE ONLY
The following fees have 2. Basic national fe 3. Examination fee 4. Search Fee (Int'l) CLAIMS Total claims Independent claims Fee for recording the en	e been submitted: ee e (Int'l prelim. exam. l Search Report prep # FILED 13 - 20 = 1 - 3 =	report NOT pre- pared and provi # EXTRA 0 0 nt (37 C.F.R.	repared by USPTC ided to the Office. TOTAL OF RATE X \$50 X \$200 TOTAL FEES F 1.21(h)) accomm	\$ 200 1.) \$ 400 13, 14 and 15 = \$ 0 \$ 0 FOR CLAIMS =	\$ 900	
The following fees have 2. Basic national fe 3. Examination fee 4. Search Fee (Int'l) CLAIMS Total claims Independent claims Fee for recording the en	e been submitted: ee e (Int'l prelim. exam. l Search Report prep # FILED 13 - 20 = 1 - 3 =	report NOT pre- pared and provi # EXTRA 0 0 nt (37 C.F.R.	repared by USPTC ided to the Office. TOTAL OF RATE X \$50 X \$200 TOTAL FEES F 1.21(h)) accompore property +	\$ 200 1.) \$ 400 13, 14 and 15 = \$ 0 \$ 0 FOR CLAIMS =	\$ 900 \$ 0 \$ 40	
The following fees have 2. Basic national fee 3. Examination fee 4. Search Fee (Int') CLAIMS Total claims Independent claims Fee for recording the enterpropriate cover sheet	e been submitted: ee e (Int'l prelim. exam. el Search Report prep # FILED 13 - 20 = 1 - 3 = nclosed assignment t (37 C.F.R. 3.28,3)	#EXTRA 0 0 nt (37 C.F.R. 3.31). \$40.00	repared by USPTO ided to the Office. TOTAL OF RATE X \$50 X \$200 TOTAL FEES F 1.21(h)) accom per property + TOTAL FEES the above fees	\$ 200 \$ 400 13, 14 and 15 = \$ 0 \$ 0 FOR CLAIMS = apanied by an	\$ 900 \$ 0 \$ 40 \$ 940	, may be required
The following fees have 2. Basic national fe 3. Examination fee 4. Search Fee (Int') CLAIMS Total claims Independent claims Fee for recording the enappropriate cover sheet with the exception of	e been submitted: ee e (Int'l prelim. exam. l Search Report prep # FILED 13 - 20 = 1 - 3 = Inclosed assignment (37 C.F.R. 3.28,3) e is hereby authorized the Base Issue	#EXTRA 0 0 nt (37 C.F.R. 3.31). \$40.00	repared by USPTO ided to the Office. TOTAL OF RATE X \$50 X \$200 TOTAL FEES F 1.21(h)) accom per property + TOTAL FEES the above fees	\$ 200 \$ 400 13, 14 and 15 = \$ 0 \$ 0 FOR CLAIMS = apanied by an	\$ 900 \$ 0 \$ 40	, may be required
The following fees have 2. Basic national fe 3. Examination fee 4. Search Fee (Int'l CLAIMS Total claims Independent claims Fee for recording the enterpropriate cover sheet with the exception of SEND ALL CORRESPO	# FILED 13 - 20 = 1 - 3 = Inclosed assignment (37 C.F.R. 3.28,3) Is hereby authorized the Base Issue ONDENCE TO:	report NOT pre- pared and provi # EXTRA 0 0 nt (37 C.F.R. 3.31). \$40.00 zed to charge Fee, or credit	repared by USPTC ided to the Office. TOTAL OF RATE X \$50 X \$200 TOTAL FEES F 1.21(h)) accomple per property + TOTAL FEES et the above fees the any overpaym	\$ 200 \$ 400 13, 14 and 15 = \$ 0 \$ 0 FOR CLAIMS = apanied by an	\$ 900 \$ 0 \$ 40 \$ 940	, may be required
The following fees have 2. Basic national fees 3. Examination fees 4. Search Fee (Int') CLAIMS Total claims Independent claims Fee for recording the enterpropriate cover sheet in the exception of the excepti	# FILED 13 - 20 = 1 - 3 = nclosed assignment (37 C.F.R. 3.28,3) is hereby authorized the Base Issue ONDENCE TO: CS NORTH AMEI	report NOT pre- pared and provi # EXTRA 0 0 nt (37 C.F.R. 3.31). \$40.00 zed to charge Fee, or credit	repared by USPTC ided to the Office. TOTAL OF RATE X \$50 X \$200 TOTAL FEES F 1.21(h)) accomple per property + TOTAL FEES et the above fees the any overpaym	\$ 200 \$ 400 13, 14 and 15 = \$ 0 \$ 0 FOR CLAIMS = apanied by an	\$ 900 \$ 0 \$ 40 \$ 940	may be required
The following fees have 2. Basic national fees as the second of the sec	# FILED 13 - 20 = 1 - 3 = nclosed assignment (37 C.F.R. 3.28,3) is hereby authorized the Base Issue ONDENCE TO: CS NORTH AMERICAN Standards	# EXTRA 0 0 nt (37 C.F.R. 3.31). \$40.00 zed to charge Fee, or credit	repared by USPTO ided to the Office. TOTAL OF RATE X \$50 X \$200 TOTAL FEES F 1.21(h)) accomn per property + TOTAL FEES et the above fees t any overpaym ORATION OMER NO.	\$ 200 \$ 400 13, 14 and 15 = \$ 0 \$ 0 FOR CLAIMS = apanied by an	\$ 900 \$ 0 \$ 40 \$ 940	, may be required
The following fees have 2. Basic national fe 3. Examination fee 4. Search Fee (Int') CLAIMS Total claims Independent claims The Commissioner with the exception of the ex	# FILED 13 - 20 = 1 - 3 = Inclosed assignment (37 C.F.R. 3.28,3) Is hereby authorized the Base Issue ONDENCE TO: CS NORTH AMERICAN (341-SJ	# EXTRA 0 0 nt (37 C.F.R. 3.31). \$40.00 zed to charge Fee, or credit	repared by USPTO ided to the Office. TOTAL OF RATE X \$50 X \$200 TOTAL FEES F 1.21(h)) accomn per property + TOTAL FEES et the above fees t any overpaym ORATION OMER NO.	\$ 200 \$ 400 13, 14 and 15 = \$ 0 \$ 0 FOR CLAIMS = apanied by an	\$ 900 \$ 40 \$ 940 additional fee which sit Account No. 14-	may be required,
The following fees have 2. Basic national fe 3. Examination fee 4. Search Fee (Int') CLAIMS Total claims Independent claims The Commissioner with the exception of the ex	# FILED 13 - 20 = 1 - 3 = Inclosed assignment (37 C.F.R. 3.28,3) Is hereby authorized the Base Issue ONDENCE TO: CS NORTH AMERICAN (341-SJ	# EXTRA 0 0 nt (37 C.F.R. 3.31). \$40.00 zed to charge Fee, or credit	repared by USPTO ided to the Office. TOTAL OF RATE X \$50 X \$200 TOTAL FEES F 1.21(h)) accomn per property + TOTAL FEES et the above fees t any overpaym ORATION OMER NO.	\$ 200 \$ 400 13, 14 and 15 = \$ 0 \$ 0 FOR CLAIMS = panied by an \$ ENCLOSED = s, as well as any lent to our Depo	\$ 900 \$ 40 \$ 940 additional fee which sit Account No. 14-	may be required, 1270 .
The following fees have 2. Basic national fees 3. Examination fees 4. Search Fee (Int') CLAIMS Total claims Independent claims The Commissioner with the exception of the exc	e been submitted: ee	report NOT prepared and provide and provid	repared by USPTO ided to the Office. TOTAL OF RATE X \$50 X \$200 TOTAL FEES F 1.21(h)) accomple per property + TOTAL FEES F the above fees the above fees the any overpaym ORATION OMER NO. 38	\$ 200 \$ 400 13, 14 and 15 = \$ 0 \$ 0 FOR CLAIMS = npanied by an \$ ENCLOSED = s, as well as any pent to our Depo	\$ 900 \$ 40 \$ 940 additional fee which sit Account No. 14-	may be required, 1270.
The following fees have 2. Basic national fees as the feest of the fe	# FILED 13 - 20 = 1 - 3 = 1 (37 C.F.R. 3.28,3) Is hereby authorized the Base Issue ONDENCE TO: CS NORTH AMERICAN AND	report NOT prepared and provide and provid	repared by USPTO ided to the Office. TOTAL OF RATE X \$50 X \$200 TOTAL FEES F 1.21(h)) accomporty + TOTAL FEES F 2 the above fees the above fees the approper proper	\$200 \$400 13, 14 and 15 = \$0 \$0 \$0 FOR CLAIMS = panied by an ENCLOSED = s, as well as any tent to our Depo	\$ 900 \$ 40 \$ 940 additional fee which sit Account No. 14-	may be required, 1270.
The following fees have 2. Basic national fees 3. Examination fees 4. Search Fee (Int') CLAIMS Total claims Independent claims The Commissioner with the exception of the exc	# FILED 13 - 20 = 1 - 3 = 1 (37 C.F.R. 3.28,3) Is hereby authorized the Base Issue ONDENCE TO: CS NORTH AMERICAL SUBJECT STATES AND STATE	# EXTRA 0 0 nt (37 C.F.R. 3.31). \$40.00 zed to charge Fee, or credit RICA CORPO USPTO CUSTO 247. CERTIFICA is being depo	repared by USPTO ided to the Office. TOTAL OF RATE X \$50 X \$200 TOTAL FEES F 1.21(h)) accomporty + TOTAL FEES F 2 the above fees the above fees the approper proper	\$200 \$400 13, 14 and 15 = \$0 \$0 \$0 FOR CLAIMS = panied by an ENCLOSED = s, as well as any tent to our Depo	\$ 900 \$ 40 \$ 940 additional fee which sit Account No. 14-	may be required, 1270.
The following fees have 2. Basic national fees 3. Examination fees 4. Search Fee (Int') CLAIMS Total claims Independent claims The Commissioner with the exception of the Examination fees and the Examination fees for recording the enterpropriate cover sheet in the Examination of the Examination fees for recording the enterpropriate cover sheet in the Examination of the Examination fees for recording the enterpropriate cover sheet in the Examination of the Examina	# FILED 13 - 20 = 1 - 3 = 1 (37 C.F.R. 3.28,3) Is hereby authorized the Base Issue ONDENCE TO: CS NORTH AMERICAL SUBJECT STATES AND STATE	# EXTRA 0 0 nt (37 C.F.R. 3.31). \$40.00 zed to charge Fee, or credit RICA CORPO USPTO CUSTO 247 CERTIFICA is being depo of is addressed ed below.	repared by USPTO ided to the Office. TOTAL OF RATE X \$50 X \$200 TOTAL FEES F 1.21(h)) accomporty + TOTAL FEES F 2 the above fees the above fees the approper proper	\$200 \$400 13, 14 and 15 = \$0 \$0 \$0 FOR CLAIMS = panied by an ENCLOSED = s, as well as any tent to our Depo	\$ 900 \$ 40 \$ 940 additional fee which sit Account No. 14-	may be required, 1270.